

**Please run these files on a Windows 12GB Machine!** . If I run the second task on a Windows 12 GB Machine, the time taken is 162 seconds. However, when I run the same program on a Mac device, the time taken is 990 seconds. Please consider these constraints and execute this program on a Windows 12GB Machine!

## **SCALA VERSION \_2.11**

### **BASELINES AND ACCURACIES**

#### **(a) RMSE for Model Based : 1.08**

>=0 and <1: 28031  
>=1 and <2: 13844  
>=2 and <3: 2308  
>=3 and <4: 237  
>=4: 40

#### **(b) RMSE for User Based : 1.16**

>=0 and <1: 26649  
>=1 and <2: 14049  
>=2 and <3: 3551  
>=3 and <4: 844  
>=4: 143

### **INSTRUCTIONS TO RUN THE PROGRAM**

The jar file is called **dmassignment2\_2.11-0.1.jar**

This is placed inside the Solutions Folder.

#### **To run Model Based:**

`./spark-submit --class ModelBasedCF dmassignment2_2.11-0.1.jar <absolute path of train file >  
<absolute path of test file>`

#### **To run User Based:**

`./spark-submit --class UserBasedCF dmassignment2_2.11-0.1.jar <absolute path of train file > <absolute path of test file>`

